

fault

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

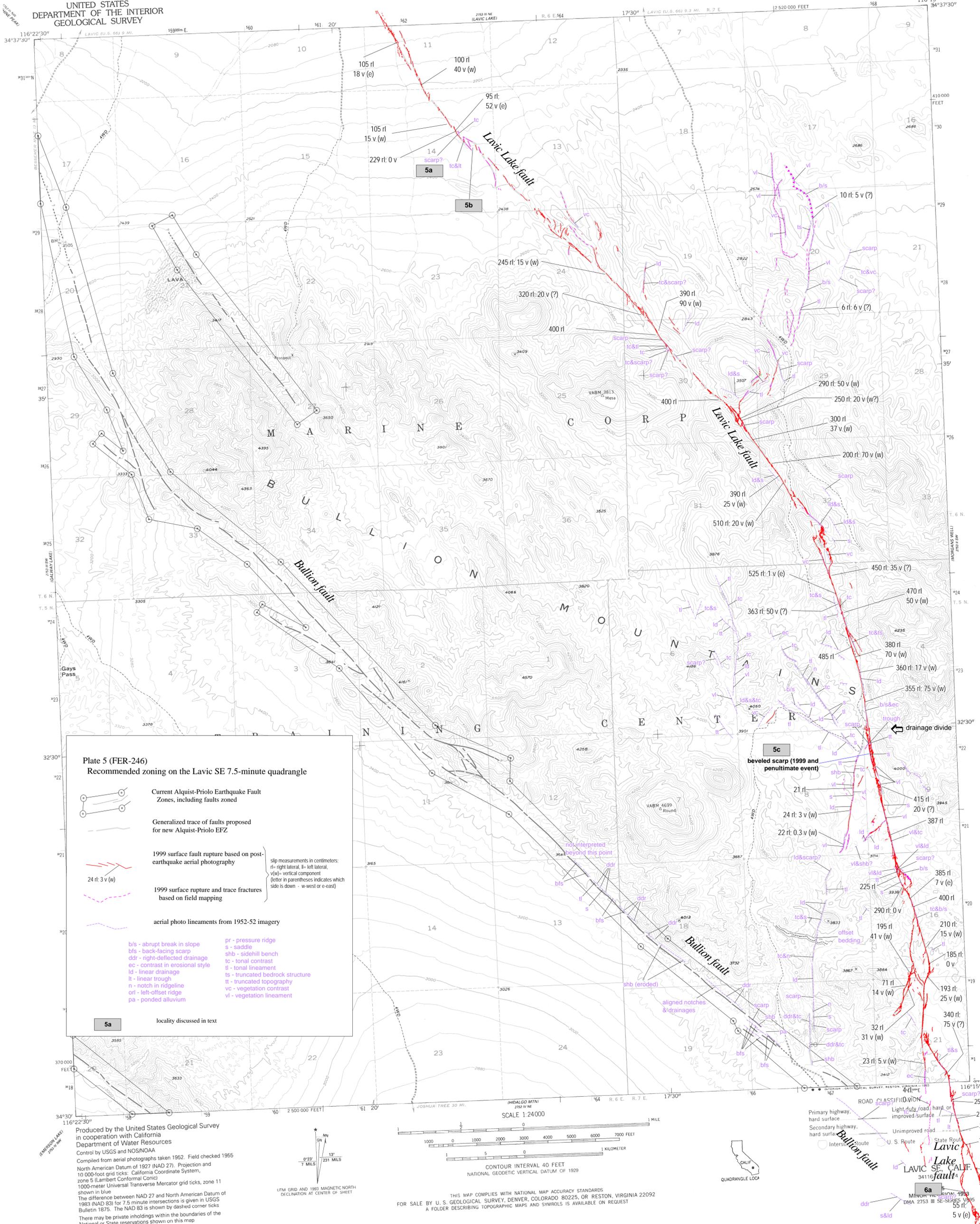


Plate 5 (FER-246)
Recommended zoning on the Lavic SE 7.5-minute quadrangle

- Current Alquist-Priolo Earthquake Fault Zones, including faults zoned
 - Generalized trace of faults proposed for new Alquist-Priolo EFZ
 - 1999 surface fault rupture based on post-earthquake aerial photography
 - 1999 surface rupture and trace fractures based on field mapping
 - aerial photo lineaments from 1952-52 imagery
- slip measurements in centimeters:
rl - right lateral, ll - left lateral,
v(w) - vertical component
(letter in parentheses indicates which side is down - w-west or e-east)
- b/s - abrupt break in slope
 - bfs - back-facing scarp
 - ec - contrast in erosional style
 - ld - linear drainage
 - lt - linear trough
 - n - notch in ridgeline
 - orl - left-offset ridge
 - pa - ponded alluvium
 - pr - pressure ridge
 - s - saddle
 - shb - sidehill bench
 - tdr - right-deflected drainage
 - tc - tonal contrast
 - tl - tonal lineament
 - ts - truncated bedrock structure
 - tt - truncated topography
 - vc - vegetation contrast
 - vl - vegetation lineament

5a locality discussed in text

- 5c beveled scarp (1999 and penultimate event)
 - 21 rl
 - 24 rl: 3 v (w)
 - 22 rl: 0.3 v (w)
 - 290 rl: 0 v
 - 41 v (w)
 - 71 rl
 - 14 v (w)
 - 32 rl
 - 31 v (w)
 - 23 rl: 5 v (w)
 - 250 rl
 - 275 rl
 - 25 rl
 - 70 rl
 - 5 v (e)
- ROAD CLASSIFICATION
- Primary highway, hard surface
 - Secondary highway, hard surface
 - Unimproved road
 - U.S. Route
 - Slate Route
- Light duty road, hard or improved surface

Intersecting

Produced by the United States Geological Survey in cooperation with California Department of Water Resources Control by USGS and NOS/NOAA

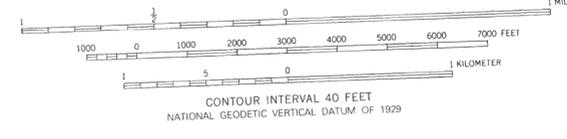
Compiled from aerial photographs taken 1952. Field checked 1955

North American Datum of 1927 (NAD 27). Projection and 10,000-foot grid ticks: California Coordinate System, zone 5 (Lambert Conformal Conic)

1000-meter Universal Transverse Mercator grid ticks, zone 11 shown in blue

The difference between NAD 27 and North American Datum of 1983 (NAD 83) for 7.5 minute intersections is given in USGS Bulletin 1875. The NAD 83 is shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



5b

5c

5a